

Claims:

1. A spraying apparatus for use in a granulator drum having a granulating zone containing a bed of cascading fertilizer particles comprising, a spray boom extending into the drum through the drum granulating zone in proximity to the bed of cascading
5 fertilizer particles, a single conduit means formed in the spray boom coaxial therewith and supported by the spray boom for supplying liquid fertilizer compound selected from the group consisting of molten urea or ammonium nitrate, an annulus defined between the tubular spray boom and the conduit means, insulation substantially filling said annulus, a plurality of equispaced spray means in communication with the single
10 conduit means supported by the spray boom in the drum granulating zone, each spray means including a first vertically-downward pipe section connected radially to the conduit means and a second pipe section attached to the first pipe section having a distal end defining an angle of about 110 to 120° to the first pipe section, and a spray nozzle attached to the distal end of the second pipe section for uniformly spraying
15 liquid fertilizer compound onto the bed of cascading fertilizer particles.
2. A spray apparatus as claimed in claim 1 in which the liquid fertilizer compound is molten urea.
3. A spray apparatus claimed in claim 2 in which the angle of the second pipe section to the first pipe section is about 115°, the first pipe section is about 10 inches
20 long, and the spray nozzle is about 20 inches from the first pipe section.
4. A spray apparatus as claimed in claim 3 in which the spray nozzle defines a square spray pattern.